EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	225704	(overvoltage transient excessive adj voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 12:59
S2	147	S1 same resistor$1 near (MOV zener adj diode transorb)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 16:20
S3	86	S2 same protect$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 11:32
S4	12430	resistor$1 same parallel same (MOV zener adj diode transorb)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 11:33
S5	2155	S4 same protect$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 13:51
S6	1350	(impedance resistor$1 resistance) adj3 parallel with (MOV zener adj diode transorb)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 11:35
S7	342	(impedance resistor$1 resistance) adj3 parallel adj2 (MOV zener adj diode transorb)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 12:42
S8	41	S7 same variable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 11:44
S9	2	S8 same (overcurrent overvoltage transient excessive adj voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 11:48
S10	2	S8 same (surge surges overcurrent overvoltage transient excessive adj voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 15:58
S11	985	361/212.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 11:50
S12	1	361/212.ccls. and (impedance resistor$1 resistance) adj3 parallel adj2 (MOV zener adj diode transorb)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 11:51

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S13	0	361/91.1,91.2,91.3 and (impedance resistor$1 resistance) adj3 parallel adj2 (MOV zener adj diode transorb)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 11:52
S14	0	361/91.1,91.2,91.3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 11:52
S15	1	361/91.1,91.2,91.3.ccls. and (impedance resistor$1 resistance) adj3 parallel adj2 (MOV zener adj diode transorb)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 11:56
S16	67	361/91.1,91.2,91.3.ccls. and variable adj (resistor resistance impedance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 14:07
S17	17	361/91.1,91.2,91.3.ccls. and variable adj (resistor resistance impedance) same (zener adj diode mov transorb)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 14:20
S18	9	("3778743" | "4233641" | "4240124" | "4320436" | "4345290" | "4439807" | "4604673" | "4803588" | "4809124").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 12:26
S19	13	("3778743").URPN.	USPAT	OR	ON	2006/04/05 12:28
S20	9	361/117,118.ccls. and variable adj (resistor resistance impedance) same (zener adj diode mov transorb)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 12:33
S21	15	S1 same (impedance resistor$1 resistance) adj3 parallel adj2 (zener adj diode transorb)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 12:38
S22	508968	(overvoltage transient excessive adj voltage high adj voltage$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 12:40
S23	5280	S22 same (spark$3 annular) adj gap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 12:42
S24	0	S23 same (impedance adj unit impedance resistor$1 resistance) adj3 parallel adj2 (zener adj diode$1 transorb$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 12:44
S25	0	S23 same (impedance resistor$1 resistance) adj3 parallel adj2 (zener adj diode$1 transorb$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 12:57

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S26	34	S23 same (impedance resistor$1 resistance) same parallel same (zener adj diode$1 transorb$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 12:46
S27	299	(resistor$1) adj3 parallel adj2 (zener adj diode$1 MOV transorb$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 13:00
S28	445	(resistor$1) adj3 (coupled parallel) adj2 (zener adj diode$1 MOV transorb$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 13:45
S29	71	S28 same (surge surges high adj current high adj voltage overcurrent overvoltage transient excessive adj voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 13:02
S30	0	S29 same (prevent$1) near (spark$3 arc$3) same gap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 13:58
S31	0	S29 same (prevent$1) near (spark$3 arc$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 13:02
S32	0	S29 same (spark$3 arc$3) same gap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 13:51
S33	7	(resistor$1) adj3 (coupled parallel) adj2 (MOV transorb$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 13:45
S34	2	("5576920").URPN.	USPAT	OR	ON	2006/04/05 13:48
S35	9	("4095163" | "4758920" | "4941063" | "5416663" | "5422777" | "5521768" | "5572397" | "5576920" | "5587876").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 13:51
S36	850	S4 same protect$3 with resistor$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 13:51
S37	25	S36 same (spark$3 arc$3) same gap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 13:53
S38	2	("4,625,254").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/05 13:53
S39	4	("4625254").URPN.	USPAT	OR	ON	2006/04/05 13:55

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S40	1187	(prevent$1) near (spark$3 arc$3) same gap	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 13:58
S41	0	S40 same resistor$1 near (MOV zener adj diode transorb)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 13:59
S42	107480	variable adj (resistor resistance impedance)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 14:08
S43	5121	S42 same (mov transorbs zener adj diode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 14:09
S44	50	S43 same third adj resistor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 14:13
S45	0	first adj resistor with second adj resistor with third adj resistor same first adj (zener adj diode transorb) same secon adj (zener adj diode transorb)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 14:16
S46	29	first adj resistor with second adj resistor with third adj resistor same first adj (zener adj diode transorb) same second adj (zener adj diode transorb)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 14:16
S47	1	361/91.1,91.2,91.3,117,118.ccls. and first adj resistor same second adj resistor same third adj resistor same first adj (zener adj diode transorb) same second adj (zener adj diode transorb)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 14:23
S48	229	361/91.1,91.2,91.3,117,118.ccls. and resistor same (zener adj diode transorb)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 16:08
S49	0	361/91.1,91.2,91.3,117,118.ccls. and resistor$1 adj3 (coupled connected) adj2 paraellel adj2 (zener adj diode transorb)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 14:35
S50	0	resistor$1 adj3 (coupled connected) adj2 paraellel adj2 (zener adj diode transorb)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 14:35
S51	0	resistor$1 same (coupled connected) same paraellel same (zener adj diode transorb)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 14:36

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S52	1205	S42 same resistor$1 near3 (MOV transorb zener)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 15:58
S53	1082	S52 same (current voltage transient excessive adj voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 16:01
S54	541	S53 same (low high exceed$1 breakdown adj voltage)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 16:02
S55	86	S54 same (difference)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 16:05
S56	0	S54 same (air adj terminal$1 lightning adj terminals)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 16:06
S57	0	S53 same (air adj terminal$1 lightning adj terminals)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 16:06
S58	0	S52 same (air adj terminal$1 lightning adj terminals)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 16:06
S59	4	S52 same (air adj terminal$1 lightning adj terminals arrester)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 16:07
S60	4	S53 same (air adj terminal$1 lightning adj terminals arrester)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 16:07
S61	3	S54 same (air adj terminal$1 lightning adj terminals arrester)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 16:08
S62	303	361/91.1,91.2,91.3,117,118.ccls. and resistor same (zener adj diode transorb mov)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 16:08
S63	29	S62 and (air adj terminal$1 lightning adj terminals arrester)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 16:15

S64	16	S2 same (conduct$4 input adj voltage) same (gnd ground$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 16:16
S65	10	resistor$1 adj3 (transorb$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 16:21
S66	14	resistor$1 adj4 (transorb$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 16:22
S67	81	resistor$1 same (transorb$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 16:22
S68	0	(10/611574).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/05 16:44
S69	0	(10/611,574).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2006/04/05 16:44
S70	1	10/611,574	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/04/05 16:44
S71	5	("4099216" | "4698740" | "4835462" | "5107202" | "5644215").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/04/05 17:17
S72	13	("4099216").URPN.	USPAT	OR	ON	2006/04/05 17:17